



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Daniel P. Sanders et al.

Serial No. 10/689,804

Filed October 20, 2003

**SYSTEM FOR KNOWLEDGE
TRANSFER IN A GROUP SETTING**

)
) Before the Examiner

)
)
)
) Group Art Unit

Date of Deposit: December 23, 2003
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated above.


William F. Bahret, Reg. No. 31,087

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Submitted herewith on the attached form, entitled Information Disclosure Statement by Applicant, is a list of documents of which Applicants are aware which they believe may be material to the examination of this application, and in respect of which there may be a duty to disclose in accordance with 37 C.F.R. §1.56. In accordance with the Official Gazette notice of August 5, 2003 concerning information disclosure statements in patent applications filed after June 30, 2003, copies of the cited U.S. patents and the cited U.S. patent application publication are not submitted herewith.¹ Copies of the other cited references are enclosed.

In addition, Applicants' undersigned attorney is informed that a version of a groupware system named DEBBIE² having different layers for student and teacher work, and meeting the description of independent claim 42 in the present application, was tested in a controlled environment – computer labs at DePauw University – in college courses in the fall of 2000 (1 course), spring of 2001 (1 course), fall of 2001 (2 courses), spring of 2002 (1 course) and fall of 2002 (10 courses). Only the course instructors and students were permitted access to the

¹ 1273 Off. Gaz. Pat. Office 55 (August 5, 2003).

² DEBBIE is an acronym for DePauw Electronic Black Board for Interactive Education.

system. Performance of the system during each course was monitored by co-inventor David Berque, a DePauw professor, who retained control over the system throughout this time period. Feedback through surveys and other reports was solicited and used to verify the usability and performance of the system.

Also according to Dr. Berque, the version of DEBBIE referenced above was demonstrated on separate occasions for the following invited groups during the time period from March 2001 to April 2002: 1) DePauw's Board of Visitors, 2) spouses of DePauw's Board of Trustees, 3) the External Advisory Board for DePauw's Management Fellows Program, 4) Park Tudor High School Technology Club, 5) a group of admissions counselors from certain high schools, 6) DePauw's Mathematics Department faculty, 7) students in DePauw's Information Technology Associates Honors Program, and 8) a group from the University of Illinois. All such demonstrations were in the above-referenced computer labs at DePauw and were conducted under the control and supervision of Dr. Berque. There was no public use of the system, nor any offer to sell, and no handouts were provided. All the activity described above was non-commercial.

This statement is being filed before the first Office Action on the merits, and therefore no fee is believed to be due. If any fee is due, however, the Patent and Trademark Office is authorized to charge any such fee except for an issue fee to Deposit Account No. 50-2176.

Respectfully submitted,

By 
William F. Bahret, Reg. No. 31,087
Bahret & Associates
320 N. Meridian St., Suite 512
Indianapolis, Indiana 46204
(317) 423-2300

<p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p style="text-align: center;">DEC 29 2003</p>			Application Number	10/689,804
			Filing Date	10/20/2003
			First Named Inventor	Daniel P. Sanders et al.
			Art Unit	
			Examiner Name	
			Attorney Docket Number	137-3
Sheet	1	of	3	

DEC 29 2003

Sheet 1 of 3

Application Number	10/689,804
Filing Date	10/20/2003
First Named Inventor	Daniel P. Sanders et al.
Art Unit	
Examiner Name	
Attorney Docket Number	137-3

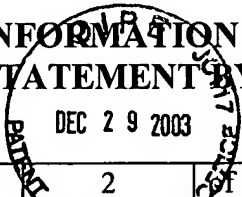
U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

Date
Considered

* **EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.
Include copy of this form with next communication to applicant

INFORMATION DISCLOSURE STATEMENT BY APPLICANT 			Application Number	10/689,804
			Filing Date	10/20/2003
			First Named Inventor	Daniel P. Sanders et al.
			Art Unit	
			Examiner Name	
Sheet	2	3	Attorney Docket Number	137-3

U.S. PATENT DOCUMENTS					
Examiner Initials [*]	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ²			
		US-6,151,621	11-21-2000	Colyer et al.	
		US-6,154,631	11-28-2000	Remschel	
		US-6,160,987	12-12-2000	Ho et al.	
		US-2002/0101445 A1	08-01-2002	David Berque	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵				

Examiner Signature		Date Considered	
-------------------------------	--	----------------------------	--

^{*} EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant

¹ Applicant's unique citation designation number (optional). ² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Application Number	10/689,804	
			Filing Date	10/20/2003	
			First Named Inventor	Daniel P. Sanders et al.	
			Art Unit		
			Examiner Name		
Sheet	3	of	3	Attorney Docket Number	137-3

OTHER DOCUMENTS – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Ishii et al., "Toward An Open Shared Workspace: Computer and Video Fusion Approach of Teamworkstation," <i>Communications of the ACM</i> , Vol. 34, No. 12, December 1991, pp. 37-50.	
		D. Berque, "Electronic Blackboards: A Vision of the Future," <i>The Tenth International Conference on Technology and Education</i> , Massachusetts Institute of Technology, March 21-24, 1993, pp. 340-342.	
		D. Berque et al., "On the Progress of Developing Groupware to Support Notetaking," <i>Second Annual International Conference on the Learning Sciences</i> , Northwestern University, Evanston, Illinois, July 25-27, 1996, pp. 345-350.	
		J. Fekete et al., "Using the Multi-Layer Model for Building Interactive Graphical Applications," <i>9th Annual Symposium for User Interface Software and Technology</i> , Seattle, Washington, November 6-8, 1996, pp. 109-118.	
		D. Berque et al., "Electronic Classrooms: A Prototype Using Laser Whiteboards and Pen Based Computers," <i>The Fourteenth International Conference on Technology and Education</i> , Oslo, Norway, Proceedings Volume 1, August 10-13, 1997, pp. 231-233.	
		D. Berque et al., "Using a Variation of the WYSIWIS Shared Drawing Surface Paradigm to Support Electronic Classrooms," <i>Proceedings of Human-Computer Interaction '99, 8th International Conference on Human Computer Interaction</i> , Munich Germany, August 22-27, 1999 (2 pages)	
		Press release, "DePauw University's DEBBIE Project Enhances Collaborative Interactive Education in the Classroom," Wacom Technology Corp., c. Jan. 2000 (5 pages).	
		D. Berque et al., "The Design of an Interface for Student Note Annotation in a Networked Electronic Classroom," <i>Journal of Network and Computer Applications</i> , Vol. 23, No. 2, April 2000, pp. 77-91.	
		L. Anderson, "Noteless' Classroom of the Future Technology Makes Teaching and Learning More Personal," <i>DePauw Magazine</i> [online], Spring 2000 (4 pages) [retrieved 2000-12-21]. Retrieved from the Internet: < http://www.depauw.edu/pa/magazine/spring2000/news/debbie.asp >	
		D. Berque et al., "Teaching Theory of Computation Using Pen-Based Computers and an Electronic Whiteboard," <i>Proceedings of ITiCSE 2001, 6th Annual Conference on Innovation and Technology in Computer Science Education</i> , Canterbury, England, June 25-27, 2001, pp. 169-172.	
		D. Berque et al., "Changing Places: A Case Study in Adapting an Education Pen-based System for use at a Distance," <i>World Conference on Educational Multimedia, Hypermedia and Telecommunications</i> , Denver, Colorado, June 24-29, 2002 (6 pages).	

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² Applicant is to place a check mark here if English language Translation is attached.